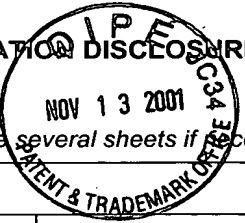
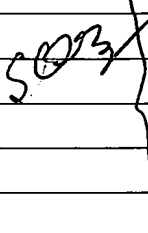
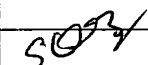



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| <b>INFORMATION DISCLOSURE CITATION</b><br><br>(Use several sheets if necessary)  |     |   |            | APPLICANT<br>Ray W. WOOD et al. |         |                         |                                  | FILING DATE<br>05/25/2000 |  |
|   |     |   |            |                                 |         |                         |                                  | GROUP ART UNIT<br>161     |  |
| <b>U.S. PATENT DOCUMENTS</b>  |     |   |            |                                 |         |                         |                                  |                           |  |
| EXAMINER<br>INITIAL   | REF | DOCUMENT<br>NUMBER  | DATE       | NAME                            | CLASS   | SUB-<br>CLASS           | FILING DATE<br>IF<br>APPROPRIATE |                           |  |
|   | A1  | 4,807,814   | 02/28/1989 | Douche et al.                   | 239/428 |                         | 01/03/1986                       |                           |  |
|   | A2  | 4,826,821   | 05/02/1989 | Clements                        | 514/78  |                         | 11/05/1986                       |                           |  |
|   | A3  | 5,118,528   | 06/02/1992 | Fessi et al.                    | 427/213 |                         | 10/04/1990                       |                           |  |
|   | A4  | 5,202,110   | 04/13/1993 | Dalby et al.                    | 424/45  |                         | 01/22/1992                       |                           |  |
|   | A5  | 5,225,183   | 07/06/1993 | Purewal et al.                  | 424/45  |                         | 01/30/1991                       |                           |  |
|   | A6  | 5,260,478   | 11/09/1993 | Bacon et al.                    | 560/110 |                         | 12/08/1992                       |                           |  |
|   | A7  | 5,264,610   | 11/23/1993 | Bacon                           | 560/47  |                         | 03/29/1993                       |                           |  |
| <b>FOREIGN PATENT DOCUMENTS</b>   |     |   |            |                                 |         |                         |                                  |                           |  |
|   | REF | DOCUMENT<br>NUMBER  | DATE       | COUNTRY                         | CLASS   | SUB-<br>CLASS           | TRANSLATION<br>YES NO            |                           |  |
|   | A14 | WO 95/27475   | 10/19/1995 | PCT                             |         |                         | X                                |                           |  |
|   | A15 | WO 96/25918   | 08/29/1996 | PCT                             |         |                         | X                                |                           |  |
|   | A16 | WO 98/35666   | 08/20/1998 | PCT                             |         |                         | X                                |                           |  |
|   | A17 | WO 99/30687   | 06/24/1999 | PCT                             |         |                         | X                                |                           |  |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |     |   |            |                                 |         |                         |                                  |                           |  |
|   | A23 | Stephen P. Newman, Chapter 9, "Therapeutic Aerosols," in Aerosols and the Lung, Clarke et al., eds., pp. 197-224 (Butterworths, London, England, 1984)  |            |                                 |         |                         |                                  |                           |  |
|   | A24 | Prodi et al., "Airborne Particles And Their Intrapulmonary Deposition", in Scientific Foundations Of Respiratory Medicine, J. G. Scadding ed., pp. 545-558 (W.B. Saunders Co., Philadelphia, PA 1981)                   |            |                                 |         |                         |                                  |                           |  |
|   | A25 | J. Heyder, "Mechanisms Of Aerosol Particle Deposition", Lung Mucociliary Clearance, 80(6):820-823 (1981)  |            |                                 |         |                         |                                  |                           |  |
|   | A26 | Fox et al., "Performance Of A Venturi Eductor As A Feeder In A Pneumatic Conveying System," Powder And Bulk Engineering, pp. 33-36 (1988)   |            |                                 |         |                         |                                  |                           |  |
|   | A27 | Tiano, "Functionality Testing Used To Rationally Assess Performance Of A Model Respiratory Solution Or Suspension In A Nebulizer (Performance Assessment)," Vol. 56/12-B of Dissertation Abstracts International (1995) |            |                                 |         |                         |                                  |                           |  |
| EXAMINER<br><br>SABHA N. GAZI   |     |   |            | DATE CONSIDERED<br><br>7/27/02  |         |                         |                                  |                           |  |
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U.S. PATENT DOCUMENTS

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## INFORMATION DISCLOSURE

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**FOREIGN PATENT DOCUMENTS**

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| <b>INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary)   |     |  |  | APPLICANT<br>Ray W. WOOD et al. |  | GROUP ART UN            |  |
|   |     |  |  | FILING DATE<br>05/25/2000       |  | 1616 181                |  |
| <b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.) |     |  |  |                                 |  |                         |  |
|   | A28 | Waldrep et al., "Operating Characteristics of 18 Different Continuous-Flow Jet Nebulizer With Beclomethasone Dipropionate Liposome Aerosol," Chest, 105(6):106 (1994)  |  |                                 |  |                         |  |
|   | A29 | P. Byron, "Aerosol Formulation, Generation, And Delivery Using Nonmetered Systems," Respiratory Drug Delivery, 144-151 (CRC Press, 1989)   |  |                                 |  |                         |  |
|   | A30 | Soviet Union Patent No. 628930, for "Bulb-Actuated Ejector For Powdered Medicinal Substance" (1978)  |  |                                 |  |                         |  |
| 503   | A31 | F. Moren, Chapter 13, "Aerosol Dosage Forms and Formulations," Aerosols in Medicine. Principles, Diagnosis and Therapy, 2nd Edition, F. Moren et al. eds. (Elsevier Science Publishers 1993)   |  |                                 |  |                         |  |
|   | A32 | Remington's Pharmaceutical Sciences, pp. 1565-1567 (Mack Publishing Company 1990)  |  |                                 |  |                         |  |
|   | A33 | Edwards et al., "Large Porous Particles for Pulmonary Drug Delivery," Science, 276:1868-1871 (June 20, 1997)   |  |                                 |  |                         |  |
|   | A34 | "Test Method B527-93(2000)el Standard Test Method for Determination of Tap Density of Metallic Powders and Compounds," <a href="http://www.astm.org/DATABASE.CART/PAGES/B527.htm">http://www.astm.org/DATABASE.CART/PAGES/B527.htm</a> |  |                                 |  |                         |  |
|   | A35 | "Autotap and Dual Autotap," <a href="http://www.quantachrome.com/Density/Autotap.htm">http://www.quantachrome.com/Density/Autotap.htm</a>  |  |                                 |  |                         |  |
|   | A36 | "Optimal Tapped Density Tester," <a href="http://optimalcontrol.com/tapped.html">http://optimalcontrol.com/tapped.html</a>   |  |                                 |  |                         |  |
|   |     |  |  |                                 |  |                         |  |
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